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COFC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Gary W. Ferrell et al. PATENT  
Serial No.: 10/559,894 Group Art Unit: 1792  
Filed: June 9, 2006 Examiner: Ryan L. Coleman  
U.S. Patent: 7,645,343 B2  
Granted: January 12, 2010  
For: UNIFORM CAVITATION FOR PARTICLE REMOVAL

Certificate

SEP 26 2011

of Correction

Request for Certificate of Correction  
of U.S. Patent No. 7,645,343 B2  
for PTO Mistake (37 CFR § 1.322(a))

Commissioner for Patents  
Office of Patent Publication  
Attn.: Certificate of Corrections Branch  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The following errors appear in the above-identified patent and are of such a nature as to justify the issuance of a Certificate of Correction.

In the Claims:

1) Column 15, claim 8, (originally claim 10), line 42, the equation should read:  $\Delta\rho(n') = |\rho_{cav}(n') - \rho_{cav}(ref)|$  in accordance with the Examiner's amendment dated October 22, 2009.

2) Column 15, claim 8 (originally claim 10) line 41, the cavitation density should read:  $\rho_{\text{cav}}(n')$  in accordance with the Examiner's amendment dated October 22, 2009.

3) Column 16, claim 8 (originally claim 10), line 10, the equation for the statistical average should read:  $D\{\Delta\rho(n_1), \dots, \Delta\rho(N')\}$ , in accordance with the Examiner's amendment dated October 22, 2009.

Please issue a Certificate of Correction, Form PTO-1050, two copies transmitted herewith.

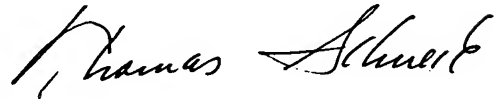
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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Office of Patent Publication, P.O. Box 1450, Alexandria, Virginia 22313-1450

Signed: Brenda Elmidolan  
Typed Name: Brenda Elmidolan

Date: September 19, 2011

Respectfully submitted,



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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO : 7,645,343 B2  
 DATED : January 12, 2010  
 INVENTOR(S) : Gary W. Ferrell et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 15, Claim 8, the equation should read:

$$\Delta p(n') = |\rho_{cav}(n') - \rho_{cav}(ref)|$$

Column 15, Claim 8, cavitation density should read:

$$\rho_{cav}(n')$$

Column 16, Claim 8, equation for the statistical average should read :

$$D\{\Delta p(n1), \dots, \Delta p(N')\}$$

MAILING ADDRESS OF SENDER:

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